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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

0756-819

07/993,391

**APPLICANT**

Masaaki HIROKI et al.

**Use several sheets if necessary.**

FILING DATE

Dec. 18, 1992

**GROUP**

Art Unit 2504

U.S. PATENT DOCUMENTS

EXAMINER  
INITIAL

DOCUMENT NUMBER

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1993

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**CLASS**

SUBCLASS

**FILING DATE  
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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER

DATE \_\_\_\_\_

COUNTRY

**CLASS**

SUBCLASS

TRANSLATION

YES	NO
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YES	NO
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0	3	4	9	4	1	5	03/01/90
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63	0	8	2	1	7	7	12/04/88
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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

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**EXAMINER**

LAO, LUN - 72

**DATE CONSIDERED**

1/2/94

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**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

(Use several sheets if necessary)

07/993,3

0756-819

**APPLICANT**

MASAAKI HIROKI et al

**FILING DATE**

12/18/92

**GROUP**

**REFERENCE DESIGNATION**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
f.z	AA	3	9	5	5	1	8	7	5/4/76	Bigelow			
	AB	4	4	2	7	9	7	8	1/24/84	Williams			
	AC	4	7	4	2	3	4	6	5/3/88	Gillette et al			
↓	AD	4	8	1	8	9	8	1	4/4/89	Oki et al			
f.z	AE	4	8	4	1	2	9	4	6/20/89	Clerc			
f.z	AF	5	0	9	1	7	2	2	2/25/92	Kitajima et al			
	AG												
	AH												
	AI												
	AJ												
	AK												

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
f.z	AL	0	1	4	4	2	9	7	12/78	Japan				
f.z	AM	0	0	6	8	7	3	2	3/89	Japan				
	AN													
	AO													
	AP													

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